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云南西双版纳兰科十新种*

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NEW TAXA OF ORCHIDACEAE FROM XISHUANG-BANNA OF SOUTH YUNNAN, CHINA

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Abstract The present paper reports 10 new species of Orchidaceae from Xishuangbanna: *Bulbophyllum colomaculosum* Tsi et S. C. Chen, *B. brevispicatum* Tsi et S. C. Chen, *B. subparviflorum* Tsi et S. C. Chen, *Gastrodia menghaiensis* Tsi et S. C. Chen, *Oberonia delicata* Tsi et S. C. Chen, *Luisia magniflora* Tsi et S. C. Chen, *L. Longispica* Tsi et S. C. Chen, *Tainia ovifolia* Tsi et S. C. Chen, *Eria crassifolia* Tsi et S. C. Chen and *Phaius bannanensis* Tsi et S. C. Chen.

Key words Orchidaceae; new taxa

关键词 兰科；新分类群

1. **豹斑石豆兰** 新种 图 1: 5—6

Bulbophyllum colomaculosum Tsi et S. C. Chen, sp. nov.

Species nova *B. obrieniano* Rolfe proxima, a quo differt petalis margine dentatis.

Herba epiphytica. pseudobulbi aggregati ovati, ca. 4 cm longi, medio 1.5—1.8 cm lati, vaginis vel fibris reticulatis obtecti, apice unifolii. Folium ellipiticum vel obovato-ellipticum, 15—20 cm longum, medio 5—6.2 cm latum, apice obtusum, basi in petiolum ca. 7—8 cm longum attenuatum. Scapus e basi pseudobulbi oriundus; pedunculo crassiusculo, 1—2 cm longo, basi vagina una ca. 8 mm longa, apice acuta laxe obtecto; racemo brevi, 1—3-floro; bracteis late ovatis ca. 1 cm longis, apice acutis pedicellis cum ovariis ca. 4.5 cm longis et 3 mm latis, flovo-virentibus. Flores flavi et purpureo-maculosi; sepalo intermedio ovato-ellipti-

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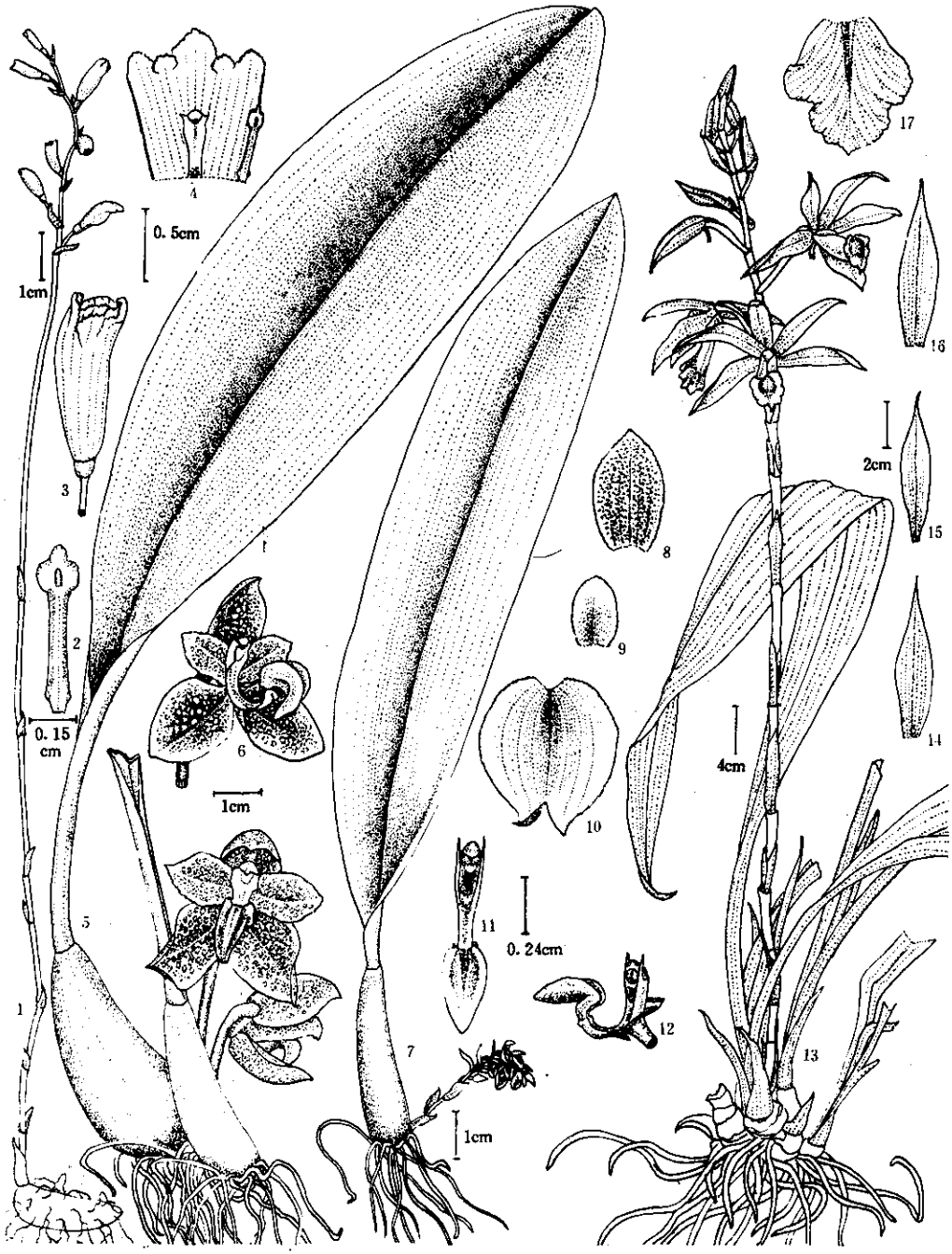

图1 1—4. 勐海天麻 1. 植株；2. 唇瓣；3. 花；4. 花切开．5—6. 豹斑石豆兰 5. 植株；6. 花．7—12. 短序石豆兰 7. 植株；8. 中萼片；9. 花瓣；10. 侧萼片；11. 蕊柱和唇瓣；12. 蕊柱和唇瓣侧面观．13—17. 大花鹤顶兰 13. 植株；14. 侧萼片；15. 花瓣；16. 中萼片；17. 唇瓣．

Fig. 1 1—4. *Gastrodia menghaiensis* Tsi et S. C. Chen 1. plant; 2. lip; 3. flower; 4. flower, cut open. 5—6. *Bulbophyllum colomaculosum* Tsi et S. C. Chen 5. plant; 6. flower. 7—12. *B. brevispicatum* Tsi et S. C. Chen 7. plant; 8. dorsal sepal; 9. petal; 10. lateral sepals; 11. column and lip, front view; 12. column and lip, side view. 13—17. *Phaius bannanensis* Tsi et S. C. Chen 13. plant; 14. lateral sepal; 15. petal; 16. dorsal sepal; 17. lip.

co concavo, ca. 2 cm longo, medio 1.5 cm lato, apice obtuso, 8—9-nervio, supra ramentaceo, eis lateralibus oblique ovatis, sepalo intermedio aequimagnis, 8-nerviis, apice acutis supra ramentaceis; petalis subovatis, 1.3 cm longis, medio 9 mm latis, apice acutis, margine pauce dentatis, 5-nerviis; labello puniceo carnoso, ligulato, ca 1.5 cm longo et 6 mm lato, medio recurvo, margine versus basin dentato, supra papilloso et a basi usque ad medium carinis duabus armato, basi cum pede columnae articulum mobile formante; columna brunnea, 5 mm-longa, basi in pedem ca. 7 mm longum purpureum producta et medio ala semiorbiculata praedita; stelidiis lmm longis, apice truncatis; operculo antherae citrino, pyramidato, antice truncato.

Yunnan (云南): Jinghong (景洪), alt. 1700 m, on tree in forest, 12-07-1992, Z. H. Tsi 92-370 (holotype, PE; isotype, MO).

该新种酷似 *B. obrienianum* Rolfe，不同于后者在于花瓣边缘具齿。

2. **短序石豆兰**　新种　图 1: 7—12

Bulbophyllum brevispicatum Tsi et S. C. Chen, sp. nov.

Haec species affinis *B. allenkerri* Seidenf., sed stelidiis subulatis in apice columnae et corniculis breviore recurvis in basi labelli differt.

Epiphyticum. Pseudobulbi in rhizomate erecti ca. 2 cm inter sese distantes, subcylindrici 3—3.5 cm longi, basi 5—6 mm lati, apice unifolii. Folium oblongum, 17 cm longum, medio 2.8 cm latum, apice acutum, basi subsessile. Scapus e basi pseudobulbi exiens, ca. 2 cm longus, recurvus, vaginis tribus ca. 6 mm longis instructus; racemo dense 6—7-floro; bracteis lanceolatis ca. 6 mm longis longioribus quam pedicellis cum ovariis, apice acuminatis. Flores purpurei; sepalo intermedio ovato-elliptico, concavo, 5 mm longo, 3 mm lato, apice acuto, 3-nervio, postice dense papilloso, eis lateralibus ovatis sepalo intermedio aequimagnis, supra basin tortis, marginibus laterum inferiorum inter sese cohaerentibus, apice acutis et plus minusve liberis, 3-nerviis, postice dense papillosis; petalis ovatis, 3 mm longis, 2 mm latis, apice rotundatis, 1-nerviis, margine irregulariter denticulatis; labello carnoso glabro, ligulato recurvato, ca. 3 mm longo, apice obtuso, prope basin in quoque latere cornu brevi recurvo armato et cum pede columnae articulum mobile formante, supra sulco longitudinali ornato; columna semicylindrica, ca. 2 mm longa, apice stelidiis subulatis ca. 1.5 mm longis instructa, basi in pedem ca. 2 mm longum producta; operculo antherae pyramidato, dense papilloso, antice plus minusve irregulariter truncato.

Yunnan (云南): Jinghong (景洪), on tree in forest, alt. 1320 m, 26-01-1988, Y. Z. Ma 178 (holotype, PE).

本种近 *B. allenkerrii* Seidenf，但蕊柱齿钻状，唇瓣基部的角状物较短而下弯。

3. **少花石豆兰**　新种　图 3: 1—6

Bulbophyllum subparviflorum Tsi et S. C. Chen, sp. nov.

Species nova *B. parvifloro* Rchb. f. proxima, sepalo intermedio margine ciliato, eis lateralibus integris, labello lanceolato differt.

Rhizoma ca. 2 mm in diametro. Pseudobulbi erecti in rhizomate ca. 5—10 mm inter sese distantes, ovati, 5 mm longi, 4—5 mm lati, apice unifolii, basi radices numerosas emittentes. Folium anguste oblongum, 4.5—8.7 cm longum, 5—7 mm latum, apice obtusum, basi in petiolum ca. 1 cm longum contractum, costa supra bene impressa. Scapus lateralis e basi pseudobulbi exiens, erectus gracilis ca. 12 cm longus, ca. 1 mm crassus, vaginis 2—3, cylindratis arcte amplectentibus armatus; racemo 5—6 cm longo, multifloro; bracteis ca. 1 mm longis, apice acutis; pedicellis cum ovariis gracilibus, ca. 5 mm longis, basi plus minusve tortis. Flores luteo-virides, sepalis separatis; sepalo intermedio lanceolato, 2.5 mm longo, medio 1.5 mm lato, apice acuminato, margine ciliato, 1-nervio, lateralibus obliquis ovato-triangulatis, 3.5 mm longis, basi 2.2 mm latis, cum pede columnae adnatis, apice acutis, integris, 3-nrviis, costa distinctiore; petalis spathulatis, 2.5 mm longis, prope apicem 1 mm latis, apice orbiculatis, 1-nerviis, supra medium margine dense cilinatis; labello lanceolato, 3 mm longo basi 1 mm lato, apice obtuso, e basi ad medium margine hispido, supra carinis 3 dense pilosis instructo, carina media breviore; columna ca. 1 mm longa, basi in pedem ca. 1.2 mm longum producta, apice stelidiis brevibus subulatis ornata; operculo antherae semisphaerico, antice margine subtruncato, integro. Capsula ovoidea, 5 mm longa, 3 mm lata.

Yunnan (云南): Menghai (勐海) alt. 1200 m, on tree in forest, 04-09-1991, Z. H. Tsi 91-544 (holotype, PE).

该新种相似于 *B. parviflorum* Rchb. f. 区别在于中萼片边缘具睫毛，侧萼片边缘全缘，唇瓣披针形。

4. **长穗叉子股** 新种 图2：1—5

Luisia longispica Tsi et S. C. Chen, sp. nov.

Species nova *L. zollingeri* Rchb. f. proxima, a qua differt costa sepali lateralis in aristam producta, linea discenti transversa indistincta inter epichilium et hypochilium.

Herba epiphytica; caulis durus, ad 20 cm longus, 5 mm in diametro, multinodus, internodio ca. 2 cm longo, vaginis foliorum persistentibus obtectus. Folia teretia carnosa, alternata, 9—11 cm longa, ca. 3 mm lata, apice obtusa, basi articulata, subter articulo vaginis duris cincta. Inflores-centia folio opposita, ca. 2 cm longa, basi vaginis 3—4 squamiformibus dense obtecta; racemo brevi dense 4—8-floro; bracteis pusillis, ovato-triangulis, ca. 1 mm longis; pedicellis cum ovariis 4 mm longis, plus minusve tortis. Flores flavo-virentes et purpureo-suffusi; sepalo intermedio ovato, 3.2 mm long, 2 mm lato, apice obtuso, 3-nervio, eis lateralibus oblongis, 4 mm longis, 1.8 mm latis, apice obtusis, 1-nerviis, costa postice versus apicem in aristam ca. 1.5 mm longam producta; petalis sepalis similibus, 3-nerviis; labello atro-purpureo, ovato-triangulo, ca. 4 mm longo, supra basin 4 mm lato, basi paullo concavo, apice rotundato linea discenti transversa inter epichilium et hypochilium indistincta; columna brevi; operculo antherae semisphaerico, antice subrotundo. Pollinia 2, cerea, sphaerica.

Yunnan (云南): Mengla (孟腊), alt. 800 m, on tree in forest, 20-05-1992, Z. H.

Tsi 92-281 (holotype, PE).

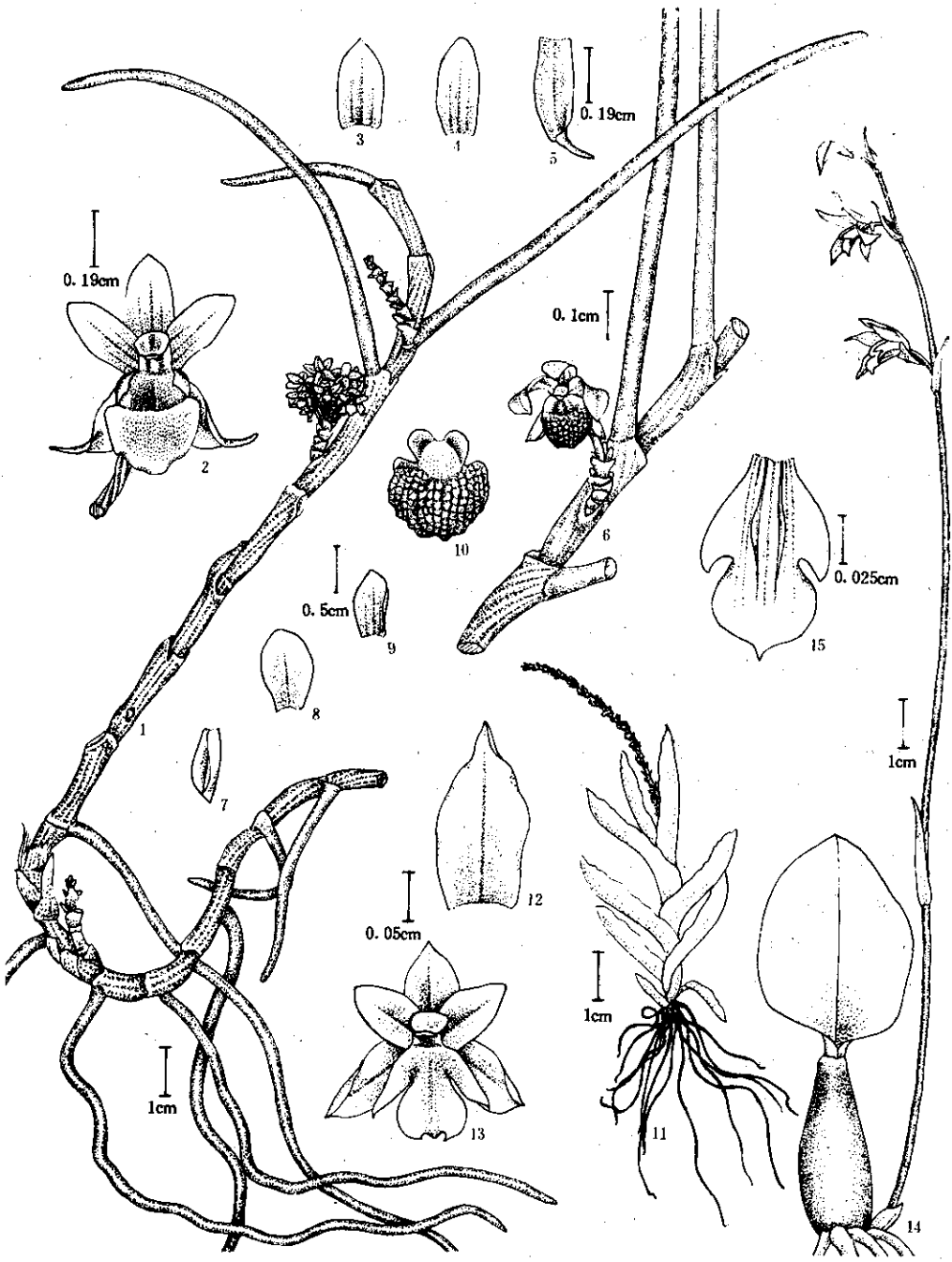

图 2　1—5. 长穗叉子股　1. 植株；2. 花；3. 中萼片；4. 花瓣；5. 侧萼片；6—10. 大花叉子股　6. 植株；7. 侧萼片；8. 花瓣；9. 中萼片；10. 唇瓣．11—13. 无齿鸢尾兰　11. 植株；12. 苞片；13. 花．14—15. 卵叶带唇兰　14. 植株；15. 唇瓣正面观

Fig. 2　1—5. *Luisia longispica* Tsi et S. C. Chen　1. plant; 2. flower; 3. dorsal sepal; 4. petal; 5. lateral sepal. 6—10. *Luisia magniflora* Tsi et S. C. Chen　6. plant; 7. lateral sepal; 8. petal; 9. dorsal sepal; 10. lip, front view. 11—13. *Oberonia delicata* Tsi et S. C. Chen　11. plant; 12. bract. 13. flower. 14—15. *Tainia ovifolia* Tsi et S. C. Chen　14. plant; 15. lip, front view.

该种近 *L. zollingeri* Rchb. f. 不同于后者在于中肋在侧萼片先端延伸为芒，前唇和后唇之间有明显的分隔线。

5. **大花叉子股** 新种 图2：6—10

Luisia magniflora Tsi et S. C. Chen, sp. nov.

Haec species *L. thailandicae* Seidenf. affinis, ab ea petalis ellipticis, sepalis subaequilongis differt.

Herba epiphytica; caulis durus, erectus, ad 30 cm longus, 5—8 mm in diametro, multinodus, internodio ca. 2 cm longo. Folia teretia, carnosa, 9—18 cm longa, 2—3 mm lata, apice obtusa, basi articulata et in vaginam durum persistentem amplexicaulem ampliata. Inflorescentia brevis, ca. 1 cm longa; rhachi crassa, plerumque 2—3-flora, basi vaginis 2—3 squamiformibus obtecta; bracteis late ovatis, 2—3 mm latis, apice obtusis; pedicellis cum ovariis ca. 1.5 cm longis, paullo tortis. Flores plus minusve carnosi, sepalis et petalis luteo-viridibus; sepalo intermedio ovato concavo, 9 mm longo, 5 mm lato, apice obtuso, 4—5-nervio, eis lateralibus latera labelli amplectentibus, sepalo intermedio subaequimagnis, apice obtusis, postice costa paullo crassiuscula sed non producta; petalis subellipticis, 1 cm longis, 5.5 mm latis, apice obtusis, basi plus minusve angustatis; labello atro-purpureo 1 cm longo, linea discenti transvera distincta inter epichilium et hypochilum instructo, supra multiverrucoso; epichilio quam hypochilio magniore, subreniformi 1 cm lato, margine irregulari; hypochilio paullo concavo, basi utrinque auriculato; columna brevi; operculo antherae antice late truncato. Pollinia 2, cerea, sphaerica; stipite brevi, visco magno discoideo.

Yunnan (云南): Mengla (勐腊), alt. 1150 m, on tree in forest, 25-04-1992, Z. H. Tsi 92-238 (holotype, PE), 257, 69 (PE); Menghai, alt. 1700 m, Z. H Tsi 92-282 (PE).

本新种很似 *L. thailandicae* Seidenf. 但花瓣椭圆形，与萼片几乎相等长，易区别。

6. **卵叶带唇兰** 新种 图2：14—15

Tainia ovifolia Tsi et S. C. Chen, sp. nov.

Species nova folio late ovato, subsessili, subtus atro-purpureo a congeneris diversa.

Terrestris; pseudobulbus atro-purpureus longe ovatus, 4 cm longus basi 1.5 cm latus, apice unifolius. Folium carnosulum vel crasse coriaceum, supra atro-virens, subtus atro-purpureum, late ovatum, 4.5—7 cm longum, supra basin 3—5 cm latum, apice acutum, basi rotundatum, petiolo ca. 3 mm longo. Scapus unus ex basi pseudobulbi oriens, erectus, 18 cm longus, 2—3 mm latus, prope medium vagina una cylindrata membranacea ornatus; racemo 4—5-floro; bracteis anguste lanceolatis, ca. 1 cm longis, apice acuminatis; pedicellis cum ovariis 10 mm longis. Flores flavo-virentes; sepalo intermedio lanceolato, 1.2 cm longo, ca. 2 mm lato, apice longe acuminato, 3-nervio, eis lateralibus ei intermedio similibus, basi cum pede columnae mentum distinctum formantibus; petalis sepalis conformibus, 1.2 cm longis, ca. 2.6 mm latis, 3—4-nerviis; labello plus minusve obovato, ca. 1 cm longo, prope medium trilobo; lobis lateralibus plus minusve ovato-triangulis, 7 mm latis inter apices,

apice acutis; lobo medio obovato, ca. 6 mm lato, apice mucronato; lamellis tribus a basi ad medium labelli productis et duabus lateralibus alte elavatis; columna 4 mm longa, basi in pedem ca. 4 mm longum producta. Pollinia cerea, 8.

Yunnan (云南): Mengla (勐腊), alt. 1150 mm under forest, 7-03-1990, W. Z. Zhang 156 (holotype, PE).

此新种以其叶宽卵形，近肉质，无柄，上面深绿色，下面硃紫色，易区别于本属其他种。

7. **无齿鸢尾兰**　新种　图 2: 11—13

Oberonia delicata Tsi et S. C. Chen, sp. nov.

Species nova *O. longibracteatae* Lindl. proxima, a qua imprimis differt inflorescentia inter folia axillari, bracteis brevioribus, lobis lateralibus labelli integris.

Herba epiphytica nana. Caulis 1—2 cm longus. Folia 5—6 disticha, carnosa compressa, breviter ensiformia, 8—20 mm longa, 3—4 mm lata, apice acuta, basi equitantia et paulo angustata, non articulata, margine plus minusve undulata. Inflorescentia una inter folia axillaris, 4—10 cm longa, dense multiflora; bracteis lanceolatis floribus subaequilongis ca. 2 mm longis, 0.6 mm latis, apice acuminatis, integris, nervis obscuris; pedicellis cum ovariis ca. 1 mm longis. Flores perparvi rufi; sepalo intermedio ovato-lanceolato, 0.9 mm longo, 0.7 mm lato, apice obtuso, margine integro, nervis obscuris, eis lateralibus ovato-triangulis paulo concavis, 1 mm longis, 0.8 mm latis, apice acutis, integris, nervis obscuris; petalis ovatis, sepalis subaequilongis, ca. 0.8 mm latis, apice rotundatis, integris, multinerviis; labello trilobo; lobis lateralibus ovato-triangulis, 1.4 mm latis inter apices, apice acutis, integris, intermedio subovato, 0.9 mm lato, apice paulo bilobo et mucronato inter lobos; columna 0.4 mm longa, supra medium dilatata. Pollinia 4.

Yunnan (云南): Jinghong (景洪), alt. 1700 m, on tree in forest, 25-08-1992, Z. H. Tsi 91-356 (holotype, PE).

本新种接近 *O. longibracteatae* Lindl. 不同于后者在于花序两叶间腋生，花苞片较短，唇瓣的侧裂片全缘。

8. **勐海天麻**　新种　图 1: 1—4

Gastrodia menghaiensis Tsi et S. C. Chen, sp. nov.

Species nova *G. siamensi* Rolfe ex Downie proxima, hypochilio angusto et longiore basi callis duobus armato bene differt.

Herba saprophytica; tuber pronum subellipsoideum, 1—2.5 cm longum, 5—10 mm latum, radicibus paucis araneosis et ramosis. Caulis rubiginosus erectus, 13—30 cm longus, 1.5—2.5 mm crassus, infra inflorescentiam vaginis 5—7 cylindratis membranaceis amplexicaulibus ornatus; racemo 2—5 cm longo, 3—10-floro; bracteis infuscatis ovatis, 3—4 mm longis, 2—3 mm latis, apice acutis; pedicellis cum ovariis 4—5 mm longis. Flos albus erectiusculus; sepalis et petalis praeter apices separatos connatis cylindratis 5—7 mm longis; lobis sepalorum 3 triangulatis, 1.5—2 mm longis, apice subobtusis, margine crispis, eis

petalorum 2 suborbicularibus, margine crispis; labello in cylindro incluso, ca. 5 mm longo, praeter epichilium cylindro sepalorum et petalorum adnato; hypochilio unguliformi ca. 4.5 mm longo, ca. 1 mm lato, basi callis duobus armato; epichilio sagittato, 2—2.8 mm longo, 1.8—2.2 mm lato, apice obtuso, margine plus minusve dentato, supra carina una carnosa-longitudinali ornato; columna ca. 4.5 mm longa, alis et stelidis instructa, basi multituberculata. Pollinia 2, granulosa. Capsula ellipsoidea erecta, 15—18 mm longa, 5—8 mm lata, pedicello ad 2.2 cm longo.

Yunnan (云南): Menghai (勐海), alt. 1200 m under forest, 14 Sept. 1991, flowers white, Z. H. Tsi 91-541 (holotype, PE); same locality, same habitat and alt. 4-11-1992, Z. H. Tsi 92-766 (PE).

本种近 *G. siamensis* Rolfe ex Downie，区别在于本种的后唇具狭长的爪，其基部具2枚胼胝体。

9. **大花鹤顶兰** 新种 图1：13—17

Phaius magniflorus Tsi et S. C. Chen, sp. nov.

Affinis *P. tankervilliae* (Banks ex L'Herit) Bl., sed floribus majoribus, serotinis diversicoloris differt.

Terrestris; caulis fusiformis vel subcylindricus, carnosus, 10—14.5 cm longus, ca. 4.5—5.7 mm in diametro, plurinodus, foliis 4 et catophyllis 3 vel 4 instructus; cataphyllis laxe tomentosis. Folia glabrata, longe elliptica, 49—70 cm longa, 15—24 cm lata, apice acuminata, basi in petiolum 14—28 cm longum contracta et in vaginam longam. ampliata. Scapus lateralis e basi caulis oriundus, erectus, ad 1 m altus, ca. 1.5 cm latus, glaber, vaginas multas cylindricas utrinque pilosas ferens; racemo ca. 20 cm longo, ultra 10-floro; bracteis caducis ovato-lanceolatis, usque ad 6 cm longis, apice acutis, glabris; pedicellis cum ovariis pallide viridibus, 5.5 cm longis. Flores glabri, magni ad 14 cm in diametro; sepalis similaribus, oblongo-lanceolatis, 7 cm longis, 1.5 cm latis, dorso flavo-virentibus, supra praeter apicem acuminatum flovo-virentem rubiginosis; petalis fere oblongis 6.3 cm longis ca. 1.2 cm latis, dorso flavo-virentibus et supra medium maculis rubiginosis dense ornatis, supra rubiginosis, apice acuminatis flavo-virentibus; labello albo, ovato-triangulato, supra medium fere trilobato, 5.5 cm longo, basi cum alis inferioribus columnae adnato, calcar 1—2 cm longum uncinatum flavum formante; lobis lateralibus columnam amplectentibus, margine antico irregularibus, 5.3 cm latis inter apices loborum lateralium; lobo intermedio ovato-triangulo, apice cuspidato; disco roseolo cum venulis flavis; columna flavo-virenti, 2 cm longa; rostello lingulato, pallide viridi; operculo antherae flavido.

Yunnan (云南): Mengla (勐腊), alt. 900 m, under forest, 10-05-1991, Z. H. Tsi 91-564 (holotype, PE).

本种近似 *P. tankervilliae* (Banks ex L' Hert) Bl. 但花较大，花期较晚，花的颜色也不同。

10. **厚叶毛兰** 新种 图3：7—12

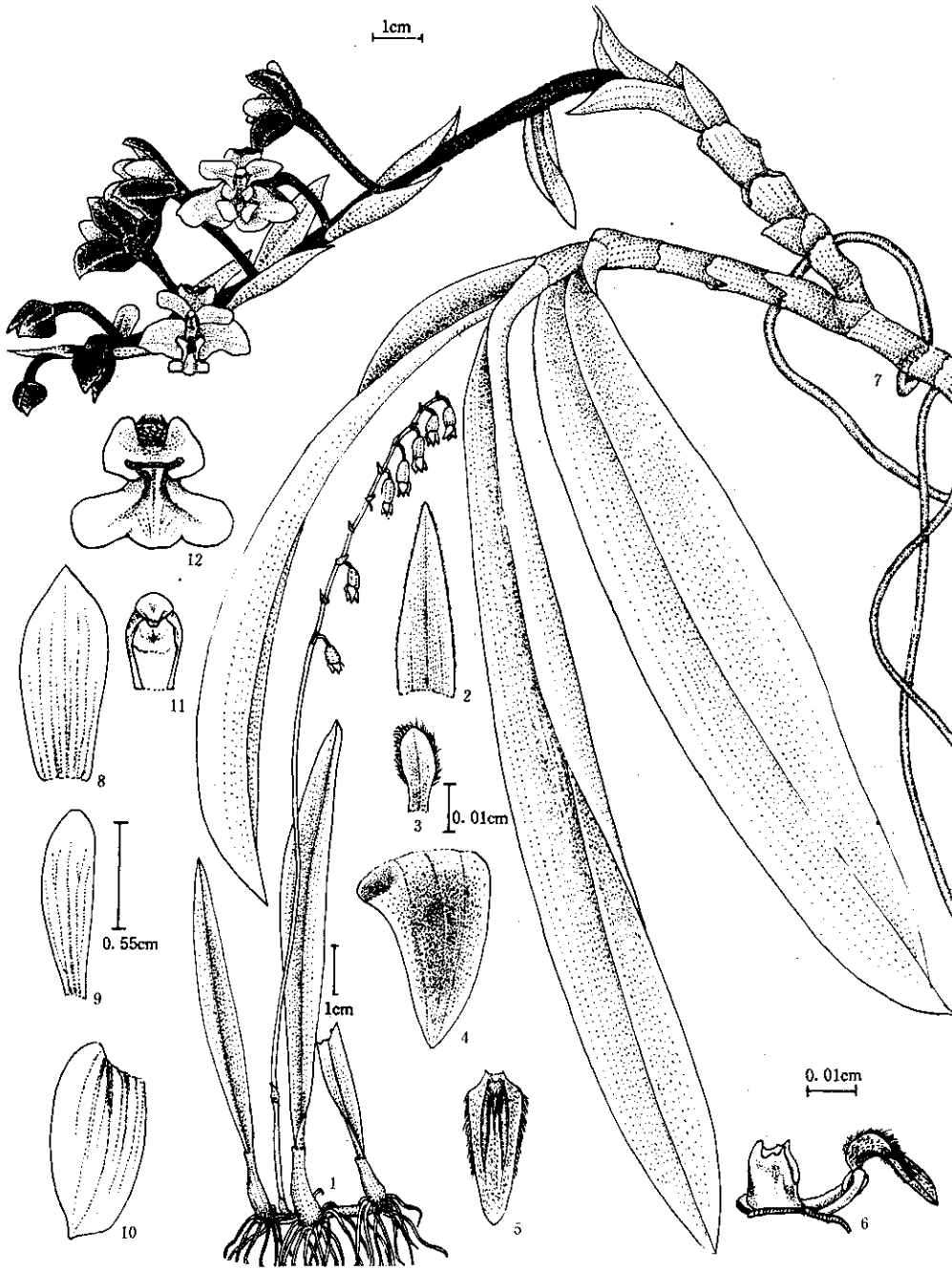

图 3　1—6. 少花石豆兰　1. 植株；2. 中萼片；3. 花瓣；4. 侧萼片；5. 唇瓣正面观；6. 蕊柱和唇瓣侧面观．7—12. 厚叶毛兰　7. 植株；8. 中萼片；9. 花瓣；10. 侧萼片；11. 蕊柱；12. 唇瓣正面观。

Fig. 3　1—6. *Bulbophyllum subparviflorum* Tsi et S. C. Chen　1. plant; 2. dorsal sepal; 3. petal; 4. lateral sepal; 5. lip, front view; 6. column and lip, side view. 7—12. Eria crassifolia Tsi et S. C. Chen　7. plant; 8. dorsal sepal; 9. petal; 10. lateral sepal; 11. column; 12. lip, front view.

Eria crassifolia Tsi et S. C. Chen, sp. nov.

Haec species ambitu et structura labelli a congeneris diversa.

Epiphytica; rhizoma crassum, vaginis membranaceis poculiformibus dense obtecum, radices crassas rare emittens; pseudobulbi oblongi, 8—17 cm longi, ca. 1 cm in diametro, uninodi, rigidi, vaginis membranaceis longis cincti, is hornotinus e mediis pseudobulborum annotinorum prodiens, apice 3—4-folii. Folia carnosa, oblonga, 13—23 cm longa, plerumque ca. 2 cm lata, apice acuminata, basi angustata et 1-articulata, sessilia, costa supra bene impressa. Scapus unus, ab apice pseudobulbi hornotini oriundus, ad 24 cm longus, tomentosus, fulvus; racemo multifloro; bracteis lanceolatis, quam pedicellis cum ovariis longiorbus vel subaequilongis, 1.5—3 cm longis, 7—14 mm latis, apice acutis, utrinque fulvo-tomentosis. Flores flavi, plus minusve carnosi; sepalis dorso dense tomentosis fulvis, sepalo intermedio oblongo, 12—15 mm longo, 6—8 mm lato, apice subobtuso, 7-nervio, costa distinctiore; sepalis lateralibus subtriangulis 1—1.2 cm longis, basi 8—10 mm latis et cum pede columnae mentum formantibus, apice subobtusis, 7-nerviis, nervis mediis tribus distinctis; petalis oblongis, 1.2—1.3 cm longis, 4—5 mm latis, apice obtusis, utrinque glabratis, 3-nerviis, nervis lateralibus ramosissimis; labello 5-lobo, lobis basalibus duobus plus minusve late auriculatis ca. 8 mm latis inter apices, lobis anticis tribus, lateralibus subconduplicatis vel subsemicylindratis, medio oblongo declivi concavo, apice truncato; disco verrucoso pulvinato-incrassato, prope basin sulcos 3 transversos formante, apice ringente; columna crassa, ca. 4 mm longa, basi in pedem ca. 5 mm longum producta. Pollinia cerea 8.

Yunnan(云南): Mengla(勐腊), alt. 650 m, on tree bark in forest, 10-04-1992, flowers yellow, Z. H. Tsi 92-415 (holotype, PE), 92-144 (PE)

本种以其植株体态和花的唇瓣形状和结构，可区别于本属其他种。